DOCUMENT RESUME

ED 109 114	SP 009 363

AUTHOR	Phillips, Joel L.
TITLE	A Cocaine Bibliography--Nonannotated. National Institute on Drug Abuse, Research Issues Series No. 8.
INSTITUTION	National Inst. on Drug Abuse (DHEW/PHS), Rockville, Md.
REPORT NO	DHEW-ADM-75-203
PUB DATE	Nov 74
NOTE	137p.
AVAILABLE FROM	Wynne Associates, 3804 Legation Street, N.W., Washington, D.C. (No price quoted)
EDRS PRICE	MF-$0.76 HC-$6.97 PLUS POSTAGE
DESCRIPTORS	*Bibliographies; *Drug Abuse; *Drug Addiction; Drug Legislation; Federal Legislation; *Narcotics
IDENTIFIERS	*Cocaine

ABSTRACT

This bibliography includes over 1800 references from the scientific and popular literature on the sociopsychological, biomedical, political, and economic aspects of cocaine and coca, from 1585 to the present. The bibliography is subdivided into the following four sections: (a) newspaper stories and articles from the popular literature; (b) books on cocaine and coca; (c) documents, pamphlets, and government publications; and (d) scientific and technical journal articles. The appendix provides several breakdowns of the items in the bibliography, by format, general content, language of original publication, and year of publication. (JS)

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Cover Illustration

William Blake. The figure of Urizen or the Ancient of Days.
Frontispiece from *Europe*. Illuminated printing.

A COCAINE BIBLIOGRAPHY
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NOVEMBER 1974

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This volume, part of a Research Issues Series, was prepared for the National Institute on Drug Abuse by Wynne Associates, 3804 Legation Street, N.W., Washington, D.C., under Contract Number HSM-45-74-144.

DHEW Publication No. (ADM) 75-203
Printed 1975

INTRODUCTION

This bibliography includes over 1,800 references from the scientific and popular literature on the socio-psychological, bio-medical, political and economic aspects of cocaine and, to a lesser extent, coca, from 1585 to the present. The most extensive bibliography yet compiled in the field, it is one of the products of contract ADM-45-74-144, The Facts and Myths About Human Cocaine Use and Abuse, between Wynne Associates of Washington, D.C., and the Division of Research, National Institute on Drug Abuse, ADAMHA, DHEW.

The final report of this project will be a monograph that hopefully will serve as a major basic reference source for those interested in the study of cocaine and its effects. It will incorporate annotations of the major references in the field, statistical information concerning the use and abuse of cocaine, and the results of a brief field study of current street myths and rituals involving cocaine. This bibliography, in effect, is a listing of the body of literature to be examined in development of the monograph.

A variety of research sources were consulted, including computer-based information and retrieval services (MEDLINE); current awareness services (DACAS); major indices (*Dissertation Abstracts*, *Drug Dependence Index*, *Psychological Abstracts*, *Readers Guide to Periodical Literature*, and *Index Medicus*); and the major scientific and technical journals (in particular, the *Journal of the American Medical Association* and the *Journal of Pharmacology and Experimental Therapeutics*). The *Index Medicus* proved the single most productive source.

To facilitate access for the reader, the bibliography is subdivided into four major sections:

1. Newspaper stories and articles from the popular literature·
2. Books on cocaine and coca;
3. Documents, pamphlets and government publications;
4. Scientific and technical journal articles, with a special subsection listing anonymous articles published in the *Journal of the American Medical Association* 1899-1974

The more than 400 journals cited in this bibliography follow the abbreviation format used in *Index Medicus*. Over the years, however, there have been some changes in this format. For instance, the *Journal of the American Medical Association* was formerly cited as *J. Am. Med. Ass.*, but the current convention is to cite it as *J.A.M.A.*

To help the reader avoid any confusion from these historical discrepancies, we provide a listing of the journals cited, with their appropriate abbreviation(s). Further, since many of the cited journals are of foreign and/or non-English-language origin, this listing will facilitate their ready identification.

In an Appendix, we provide several analyses of the 1,820 items in the bibliography, by Format (book, article, etc.), General content (11 subject categories), Language of original publication, and Year of publication.

Joel L. Phillips
Ronald D. Wynne, PhD.
Wynne Associates
Washington, D.C.
November 1974

A Coca Branch

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ASDC; JOURNAL of DENTISTRY for CHILDREN (Chicago) see JOURNAL of DENTISTRY for CHILDREN (Chicago)

ACTA ANAESTHESIOLOGICA BELGICA (Bruxelles) Acta Anaesthesiol. Belg.

ACTA ANAESTHESIOLOGICA SCANDINAVICA (Aarhus) Acta Anaesthesiol. Scand.

ACTA ANESTHESIOLOGICA SCANDINAVICA SUPPLEMENT (Aarhus) Acta Anesthesiol. Scand. [Suppl.]

ACTA BIOCHIMICA et BIOPHYSICA ACADEMIAE SCIENTIARUM HUNGARICAE (Budapest) Acta Biochim. Biophys. Acad. Sci. Hung.

ACTA BIOLOGICA et MEDICA (Gdansk) Acta Biol. Med. (Gdansk)

ACTA BIOLOGICA et MEDICA GERMANICA (Berlin) Acta Biol. Med. Ger.

ACTA MEDICA (Fukuoka) Acta Med. (Fukuoka) title in Jap. IGAKU KENKYU

ACTA MEDICA BIOLOGIA (Niigata) Acta Med. Biol. (Niigata)

ACTA MEDICA IUGOSLAVICA (Beograde) Acta Med. Iugosl.

ACTA OPHTHALMOLOGICAL (Kobenhavn) Acta Ophthalmol. (Kbh) (also, Acta Ophth.)

ACTA OTO-LARYNGOLOGICA (Stockholm) Acta Oto-Laryng.

ACTA OTO-LARYNGOLOGICA (Stockholm) Acta Otolaryngol. (Stockh)

ACTA OTO-LARYNGOLOGICA. SUPPLEMENT (Stockholm) Acta Otolaryngol. [Suppl.] (Stockh)

ACTA OTO-RHINO-LARYNGOLOGICA BELGICA (Bruxelles) Acta Otorhinolaryngol. Belg.

ACTA OTO-RINO-LARINGOLOGICA IBERO-AMERICANA (Barcelona) Acta Otorinolaryngol. Iber. Am.

ACTA PHARMACEUTICA HUNGARICA (Budapest) Acta Pharm. Hung.

ACTA PHARMACOLOGICA et TOXICOLOGICA (Kobenhavn) Acta Pharmacol. Toxicol. (Kbh)

ACTA PHARMACOLOGICA et TOXICOLOGICA (Kobenhavn) Acta Pharmacol. Toxicol. [Suppl.] (Kbh)

ACTA PHYSIOLOGICA LATINO AMERICANA (Buenos Aires) Acta Physiol. Lat. Am.

ACTA PHYSIOLOGICA SCANDINAVICA (Stockholm) Acta Physiol. Scand.

ACTA POLONIAE PHARMACEUTICA (Warszawa) Acta Pol. Pharm.

ADVANCES in OPHTHALMOLOGY (Basel) Adv. Ophthalmol. formerly a subseries of BIBLIOTHECA OPHTHALMOLOGICA (Basel)

ADVANCES in OTO-RHINO-LARYNGOLOGY (Basel) Adv. Otorhinolaryngol. formerly BIBLIOTHECA OTO-RHINO-LARYNGOLOGICA; Supplementa ad PRACTICA OTO-RHINO-LARYNGOLOGICA (Basel)

AERZTLICHE FORSCHUNG (Munchen) Aerztl. Forsch.

AERZTLICHE RUNDSCHAU Aerztl. Rundschau.

AESTHETISCHE MEDIZIN; MEDIZINISCHE KOSMETIK (Berlin) Aesthet. Med. (Berl) changed to COSMETOLOGICA (Berlin)

AKTUELLE OTO-RHINO-LARYNGOLOGIE (Stuttgart) Aktuel Otorhinolaryngol.

ALBRECHT von GRAEFES ARCHIV fur KLINISCHE und EXPERIMENTELLE OPHTHALMOLOGIE (Berlin) Albrecht von Graefes Arch. Klin. Ophthalmol. formerly ALBRECH von GRAEFES ARCHIV fur OPHTHALMOLOGIE vereingt mit ARCHIV fur AUGENHEILKUNDE (Munchen)

AMERICAN HEART JOURNAL (St. Louis) Am. Heart J.

AMERICAN JOURNAL of HOSPITAL PHARMACY (Washington) Am. J. Hosp. Pharm.

AMERICAN JOURNAL of MEDICINE (New York) Am. J. Med.

AMERICAN JOURNAL of the MEDICAL SCIENCES (Thorofare, N. J.) Am. J. Med. Sci.

AMERICAN JOURNAL of OPHTHALMOLOGY (Chicago) Am. J. Ophthalmol.

AMERICAN JOURNAL OF ORTHODONTICS (St. Louis) Am. J. Orthod.

AMERICAN JOURNAL of PHARMACY and the SCIENCES SUPPORTING PUBLIC HEALTH (Philadelphia) Am. J. Pharm. formerly AMERICAN JOURNAL of PHARMACY (Philadelphia)

AMERICAN JOURNAL of PHYSIOLOGY (Bethesda) Am. J. Physiol.

AMERICAN JOURNAL of PUBLIC HEALTH (New York) Am. J. Public Health formerly AMERICAN JOURNAL of PUBLIC HEALTH and the NATION'S HEALTH (New York)

AMERICAN JOURNAL OF SOCIOLOGY (Chicago) Am. J. Sociol.

AMERICAN JOURNAL of SURGERY (New York) Am. J. Surg.

AMERICAN JOURNAL of VETERINARY RESEARCH (Chicago) Am. J. Vet. Res.

AMERICAN MEDICAL ASSOCIATIONS ARCHIVES of OTOLARYNOLOGY A. M. A. Arch. Otolaryng.

AMERICAN SCIENTIST (New Haven) Am. Sci.

AMERICAN SURGEON (Philadelphia) Am. Surg.

ANAESTHESIA (London) Anaesthesia

ANAESTHESIST (Berlin) Anaesthesist

ANALES de CIRUGIA (Rosario) An. Cir. (Rosario)

ANALES de la FACULTAD de MEDICINA UNIVERSIDAD NACIONAL MAYOR de SAN MARCOS de LIMA An. Fac. Med. Lima changed to ANALES del PROGRAMA ACADEMICO de MEDICINA (Lima)

ANALES del PROGRAMA ACADEMICO de MEDICINA, UNIVERSIDAD NACIONAL MAYOR de SAN MARCOS (Lima) An. Acad. Med. (Lima) formerly ANALES de la FACULTAD de MEDICINA, UNIVERSIDAD NACIONAL MAYOR de SAN MARCOS de LIMA

ANALYTICA CHIMICA ACTA (Amsterdam) Anal. Chim. Acta.

ANALYST (Cambridge, Eng.) Analyst

ANESTHESIA and ANALGESIA; CURRENT RESEARCHES (Cleveland) Anesth. Analg. (Cleve)

ANESTHESIE, ANALGESIE, REANIMATION (Paris) Anesth. Analg. (Paris)

ANESTHESIOLOGY (Philadelphia) Anesthesiology

ANGEIOLOGIE (Paris) Angeliologie

ANNALES de BIOLOGIE CLINIQUE (Paris) Ann. Biol. Clin. (Paris)

ANNALES de CHIRURGIE (Paris) Ann. Chir.

ANNALES de DERMATOLOGIE et SYPHILIGRAPHIE (Paris) Ann. Dermatol. Syphiligr. (Paris)

ANNALES de MEDICINE et de PHARMACIE COLONIALES Ann. de Med. et de Pharm. Colon.

ANNALES d'OCULISTIQUE Ann. d'Ocul.

ANNALS of the NEW YORK ACADEMY of SCIENCES Ann. N. Y. Acad. Sci.

ANNALES ODONTO-STOMATOLOGIQUES (Lyon) Ann. Odontostomatol. (Lyon)

ANNALES d'OTO-LARYNGOLOIE Ann. Oto-Laryng.

ANNALES d'OTO-LARYNGOLOGIE et de CHIRURGIE CERVICO-FACIALE (Paris) Ann. Otolaryngol. Chir. Cervicofac. formerly ANNALES d'OTO-LARYNGOLOGIE (Paris)

ANNALES MEDICINAE EXPERIMENTALISET BIOLOGIUE FENNIAE Ann. Med. Exp. Biol. Fenn.

ANNALES MEDICO-PSYCHOLOGIQUES (Paris) Ann. Med. Psychol.

ANNALES PHARMACEUTIQUES FRANCAISE (Paris) Ann. Pharm. Fr.

ANNALI dell'ISTITUTO SUPERIORE de SANITA (Roma) Ann. Ist. Super. Sanita supersedes RENDICONTI; ISTITUTO SUPERIORE de SANITA (Roma)

ANNALI de OTTALMOLGIA e CLINICA OCULISTICA Ann. di Ottalmol. e Clin. Occul. (also, Ann. Ottal. e Clin. Ocul.)

ANNALI di LARINGOLOGIA, OTOLOGIA, RINOLOGIA, FARINGOLOGIA (Torino) Ann. Laringol.

ANNALI di MEDICINA NAVALE (Roma) Ann. Med. Nav. (Roma)

ANNALI ITALIANI de CHIRURGIA (Bologna) Ann. Ital. Chir.

ANNALS of DENTISTRY (New York) Ann. Dent.

ANNALS of INTERNAL MEDICINE (Philadelphia) Ann. Intern. Med.

ANNALS of OPHTHALMOLOGY (Chicago) Ann. Ophthalmol.

ANNALS of OTOLOGY, RHINOLOGY and LARYNGOLOGY (St. Louis) Ann. Otol. Rhinol. Laryngol.

ANNALS of the ROYAL COLLEGE of SURGEONS of ENGLAND (London) Ann. R. Coll. Surg. Engl.

ANNALS of SURGERY (Philadelphia) Ann. Surg.

ANNUAL REVIEW of PHARMACOLOGY (Palo Alto) Annu. Rev. Pharmacol.

APTECHNOE DELO (Moskva) Aptech. Delo.

ARBEITEN aus DEM NEUROLOGISCHEN INSTITUTE an der WIENER UNIVERSITAT. Arb. a. d. Neurol. Inst. a. d. Wien. Univ.

ARBEITSPHYSIOLOGIE Arbeitsphysiol.

ARCHIV fur die GESAMTE PHYSIOLOGIE des MENSCHEN und der TIER. Arch. f. d. Ges. Physiol.

ARCHIV fur EXPERIMENTELLE PATHOLOGIE und PHARMAKOLOGIE Arch. f. Exper. Path. u. Pharmakol. (also, Naunyn-Schmiedebergs Archiv. fur Exper. un Citele Pathologie und Pharmakologie).

ARCHIV fur JAPANISCHE CHIRURGIE (Kyoto) Arch. Jap. Chir. title in Japanese: NIPPON GEKA HOKAN

ARCHIV fur KLINISCHE und EXPERIMENTELLE OHREN, NASEN und KEHLKOPFHEILKUNDE (Berlin) Arch. Klin. Exp. Ohren. Nasen. Kehikopfheilkd. formerly ARCHIV. fur OHREN, NASEN, und KEHLKOPFHEILKUNDE vereinigt mit ZEITSCHRIFT fur HALS, NASEN und OHRENHEILKUNDE (Berlin)

ARCHIV der PHARMAZIE (Weinheim) Arch. Pharm. (Weinheim) formerly ARCHIV. der PHARMAZIE und BERICHTE der DEUTSCHEN PHARMAZEUTISCHEN GESELLSCHAFT (Weinheim)

ARCHIV fur PHYSIKALALISCHE THERAPIE Arch. Phys. Ther. (Lpz.)

ARCHIVES des MALADIES de l' APPAREIL DIGESTIF et NUTRITION. Arch. d. Mal. de l'App. Digestif.

ARCHIVES of ENVIRONMENTAL HEALTH (Chicago) Arch. Environ. Health.

ARCHIVES FRANCO-BELGES de CHIRURGIE Arch. Franco-Belges. de Chir.

ARCHIVES of GENERAL PSYCHIATRY (Chicago) Arch. Gen. Psychiatry

ARCHIVES INTERNATIONALES de PHARMACODYNAMIE et de THERAPIE (Gand) Arch. Int. Pharmacodyn. Ther.

ARCHIVES INTERNATIONALES de PHYSIOLOGIE et de BIOCHIMIE (Liege) Arch. Int. Physiol. Biochim.

ARCHIVES ITALIENNES de BIOLOGIE (Pisa) Arch. Ital. Biol.

ARCHIVES d'OPHTALMOLOGIE (Paris) Arch. Ophtalmol. (Paris)

ARCHIVES of OPHTHALMOLOGY (Chicago) Arch. Ophthalmol.

ARCHIVES of ORAL BIOLOGY (London) Arch. Oral Biol.

ARCHIVES of OTOLARYNGOLOGY (Chicago) Arch. Otolaryngol.

ARCHIVES of PEDIATRICS Arch. Pediat.

ARCHIVES of SURGERY (Chicago) Arch. Surg.

ARCHIVIO di FISIOLOGIA (Firenze) Arch. Fisiol.

ARCHIVIO ITALIANO di BIOLOGIA Arch. Ital. Biol.

ARCHIVOS de la SOCIEDAD of TALMOLOGICA HISPANO-AMERICANA Arch. Soc. Oftal. Hispano-Am.

ARCHIVOS del INSTITUTO de BIOLOGIA ANDINA (Lima) Arch. Inst. Cardiol. Mex.

ARCHIVOS del INSTITUTO de FARMACOLOGIA EXPERIMENTAL (Madrid) Arch. Inst. Farmacol Exp. (Madr)

ARCHIVOS del INSTITUO de CARDIOLOGIA de MEXICO Arch. Inst. Cardiol. Mexico

ARZNEIMITTEL-FORSCHUNG (Aulendorf) Arzneim. Forsch. (also, Arzneimittel-Forsch. or Arzneimittel-Forschung.

ATTI della ACCADEMIA MEDICA LOMBARDA (Milano) Atti. Accad. Med. Lomb.

AUSTRALIAN DENTAL JOURNAL (Sydney) Aust. Dent. J.

AUSTRALIAN JOURNAL of EXPERIMENTAL BIOLOGY and MEDICAL SCIENCE (Adelaide) Aust. J. Exp. Biol. Med. Sci.

AUSTRALIAN and NEW ZEALAND JOURNAL of MEDICINE (Sydney) Aust. N. Z. J. Med. formerly AUSTRALASIAN ANNALS of MEDICINE (Sydney)

AUSTRALIAN and NEW ZEALAND JOURNAL of SURGERY (Melbourne) Aust. N. Z. J. Surg.

AZERBAIDZH MEDIZIN ZH.
Azerbaidzh. Med. Zh.

BEITRAEGE zur GERICHTLICHEN MEDIZIN
(Wien) Beitr. Gerichtl. Med.

BERICHTE uber die VERSAMMLUNGEN
der DEUTSCHEN OPHTHALMOLOGISCHEN GESELLSCHAFT. Ber. u. d.
Versamml. d. Deut. Sch. Opth. Gesellsch.

BIOCHEMICAL JOURNAL (London)
Biochem. J.

BIOCHEMICAL MEDICINE (New York)
Biochem.Med.

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Biochem.Pharmacol.

BIOCHEMIE (Paris) Biochimie formerly
BULLETIN de la SOCIETE de CHIMIE
BIOLOGIQUE (Paris)

BIOCHEMISTRY (Washington)
Biochemistry

BIOCHIMICA et BIOPHYSICA ACTA
(Amsterdam) Biochim Biophys. Acta

BIOMEDICINE: EXPRESS (Paris)
Biomedicine [Express)

BOLETIN de ESTUDIOS MEDICOS y
BIOLOGICOS (Mexico) Bol.
Estud. Med. Biol. formerly
BOLETIN del INSTITUTO de
ESTUDIOS MEDICOS y BIOLOGICOS (Mexico)

BOLLETTINO CHIMICO FARMACEUTICO
(Milano) Boll. Chim. Farm.

BOLLETTINO d'OCULISTICA Boll.
d' Ocul.

BOLLETTINO della SOCIETA ITALIANA
di BIOLOGIA SPERIMENTALE (Napoli)
Boll. Soc. Ital. Biol. Sper.

BRITISH DENTAL JOURNAL (London)
Br. Dent. J. (also, Brit. Dent. J.)

BRITISH JOURNAL of ADDICTION
(Edinburgh) Br. J. Addict.
(also, Brit. J. Addict.)

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(Altrincham) Br. J. Anaesth.
(also, Brit. J. Anaesth.)

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Pathol. (also, Brit. J. Exp. Pathol.)

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(also, Brit. J. Oral Surg.)

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(also, Brit. J. Pharmacol.)
formerly, BRITISH JOURNAL of
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(London)

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(also, Brit. J. Plast. Surg.)

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SOCIAL MEDICINE (London) Br. J.
Prev. Soc. Med. (also, Brit. J.
Prev. Soc. Med.)

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Psychiatry)

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(London) Br. J. Psychol. (also,
Brit. J. Psychol.)

BRITISH JOURNAL of SOCIOLOGY
(London) Br. J. Sociol. (also,
Brit. J. Sociol.)

BRITISH JOURNAL OF SURGERY
(Bristol) Br. J. Surg. (also, Brit.
J. Surg.)

BRITISH MEDICAL BULLETIN (London) Br. Med. Bull. (also, Brit. Med. Bull.)

BRITISH MEDICAL JOURNAL (London) Br. Med. J. (also, Brit. Med. J.)

BRUXELLES-MEDICAL Brux. Med.

BULLETIN de l'ACADEMIE ROYALE de MEDECINE de BELGIQUE (Bruxelles) Bull. Acad. R. Med. Belg.

BULLETIN de l'ACADEMIE de MEDICINE Bull. Acad. de Med. (Paris)

BULLETIN de la SOCIETE Bull. Soc. Clin. de Med. Ment.

BULLETIN de la SOCIETE BELGE d'OPHTALMOLOGIE (Bruxelles) Bull. Soc. Belg. Ophtalmol.

BULLETIN de la SOCIETE CHIMIQUE de FRANCE (Paris) Bull. Soc. Chim. Fr.

BULLETIN de la SOCIETE FRANCAISE de DERMATOLOGIE et de SYPHILIGRAPHIE Bull. Soc. Franc. de Dermat. et Syph.

BULLETIN de la SOCIETE INTERNATIONALE de CHIRURGIE (Bruxelles) Bull. Soc. Int. Chir.

BULLETIN de la SOCIETE des SCIENCES MEDICALES du GRAND-DUCHE de LUXEMBOURG Bull. Soc. Sci. Med. Grand Duche Luxemb.

BULLETIN des SCIENCES PHARMACOLOGIQUES Bull. d. Sc. Pharmacol.

BULLETIN des SOCIETES d'OPHTALMOLOGIE de FRANCE (Paris) Bull. Soc. Ophtalmol. Fr. (also. Bull. Soc. Ophtal. Fran.)

BULLETIN et MEMOIRES de la SOCIETE des CHIRURGIENS de PARIS Bull. Mem. Soc. Chir. Paris.

LE BULLETIN MEDICAL Bull. Med. (Paris)

BULLETIN of NATIONAL INSTITUTE of HYGIENIC SCIENCES (Tokyo) Bull. Natl. Inst. Hyg. Sci. (Tokyo) title in Japanese: EISEI SHIKENJO HOKOKU

BULLETIN of the HISTORY of MEDICINE (Baltimore) Bull. Hist. Med.

BULLETIN of the NEW YORK ACADEMY of MEDICINE Bull. N. Y. Acad. Med

BULLETIN of the TOKYO MEDICAL and DENTAL UNIVERSITY (Tokyo) Bull. Tokyo Med. Dent. Univ.

BULLETIN of the WORLD HEALTH ORGANIZATION (Geneve) Bull. WHO

BULLETIN on NARCOTICS (New York) Bull. Narc.

BULLETINS et MEMOIRES de la SOCIETE FRANCAISE d'OPHTALMOLOGIE (Paris) Bull. Mem. Soc. Fr. Ophtalmol.

CALIFORNIA and WESTERN MEDICINE Calif. W. Med.

CANADIAN ANAESTHETISTS'SOCIETY JOURNAL (Toronto) Can. Anaesth. Soc. J.

CANADIAN JOURNAL of BIOCHEMISTRY (Ottawa) Can. J. Biochem. formerly, CANADIAN JOURNAL of BIOCHEMISTRY and PHYSIOLOGY (Ottawa)

CANADIAN JOURNAL of OPHTALMOLOGY (MOntreal) Can. J. Ophthalmol.

CANADIAN JOURNAL of PHYSIOLOGY and PHARMACOLOGY (Ottawa) Can. J. Physiol. Pharmacol. formerly CANADIAN JOURNAL of BIOCHEMISTRY and PHYSIOLOGY (Ottawa)

CANADIAN MEDICAL ASSOCIATION JOURNAL (Toronto) Can. Med. Assoc. J.

CESKOSLOVENSKA DERMATOLOGIE (Praha) Cesk. Dermatol.

CESKOSLOVENSKA FARMACIE (Praha) Cesk. Farm.

CESKOSLOVENSKA FYSIOLOGIE (Praha) Cesk. Fysiol.

CESKOSLOVENSKA OTOLARYNGOLOGIE (Praha) Cesk. Otolaryngol.

CHEMOTHERAPY (Basel) Chemotherapy formerly CHEMOTHERAPIA (Basel)

CIRCULATION RESEARCH (New York) Circ. Res.

CLINICA TERAPEUTICA (Roma) Clin. Ter.

CLINICAL ANESTHESIA (Philadelphia) Clin. Anesth.

CLINICAL BIOCHEMISTRY (Ottawa) Clin. Biochem.

CLINICAL PHARMACOLOGY and THERAPEUTICS (St. Louis) Clin. Pharmacol. Ther.

CLINICAL SCIENCE (London) Clin. Sci.

CLINICAL SURGERY (Tokyo) Clin. Surg.

COMPARATIVE and GENERAL PHARMACOLOGY (Bristol) Comp. Gen. Pharmacol.

COMPTES RENDUS HEBDOMADAIRES des SEANCES de l'ACADEMIE des SCIENCES: D: SCIENCES NATURELLES (Paris) C. R. Acad. Sci. [D] (Paris) formerly COMPTES RENDUS HEBDOMADAIRES des SEANCES de l'ACADEMIE des SCIENCES (Paris) (also, Compt. Rend. Acad. d. Sci.)

COMPTES RENDUS des SEANCES de la SOCIETE de BIOLOGIE et de SES FILLIALES (Paris) C. R. Soc. Biol. (Paris) (Compt. Rend. Soc. de. Biol.)

CONNECTICUT MEDICINE (New Haven) Conn. Med.

DANISH MEDICAL BULLETIN (Kobenhavn) Dan. Med. Bull.

DENTAL CLINICS of NORTH AMERICA (Philadelphia) Dent. Clin. North. Am.

DENTAL PRACTITIONER and DENTAL RECORD (Bristol) Dent. Pract. Dent. Rec. changed to JOURNAL of DENTISTRY (Bristol)

DENTAL SUMMARY Dent. Summary

DERMATOLOGICA (Basel) Dermatologica

DEUTSCHE MEDIZINISCHE WOCHENSCHRIFT (Stuttgart) Dtsch. Med. Wochenschr. (also, Deutsch. Med. Wchnschr. or Dtsch. Med. Wchnschr.)

DEUTSCHE TIERAERZTLICHE WOCHENSCHRIFT (Hannover) Dtsch. Tieraeztl. Wochenschr. (also, Deutsch. Tierarztl. Wchnschr.)

DEUTSCHES MEDIZINISCHES JOURNAL (Berlin) Dtsch. Med. J. ceased publication with Vol. 23, No. 12, Dec. 1972.

DISEASES of the NERVOUS SYSTEM (Galveston) Dis. Nerv. Syst.

DOMINION DENTAL JOURNAL Dominion Dent. J.

DRUG and THERAPEUTICS BULLETIN (London) Drug Ther. Bull.

DRUGS (Basel) Drugs

DUODECIM (Helsinki) Duodecim

ENDOKRINOLOGIE (Leipzig) Endokrinologie

EUROPEAN JOURNAL of BIOCHEMISTRY (Berlin) Eur. J. Biochem.

EUROPEAN JOURNAL OF PHARMACOLOGY (Amsterdam) Eur. J. Pharmacol. (also, Europ. J. Pharmacol.)

EXPERIENTIA (Basel) Experientia

EXPERIMENTAL BIOLOGY and MEDICINE (Basel) Exp. Biol. Med.

EXPERIMENTAL MEDICINE and SURGERY (New York) Exp. Med. Surg.

EYE, EAR, NOSE and THROAT MONTHLY
(Chicago) Eye Ear Nose Throat Mon.

FARMACO; EDIZIONE PRATICA (Pavia)
Farmaco [Prat]

FARMACO; EDIZIONE SCIENTIFICA (Pavia)
Farmaco [Sci]

FARMACOTHERAPY ACTUAL
Farmacotherap. Actua.

FARMAKOLOGIIA I TOKSIKOLOGIIA
(Moskva) Farmakol. Toksikol.

FARMATSEVTYCHNYI ZHURNAL (Kiev)
Farm. Zh.

FIZIOLOGICHESKII ZHURNAL SSSR imeni
I. M. SECHENOVA (Moskva)
Fiziol. Zh. SSSR

FOLIA PHARMACOLOGICA JAPONICA
(Kyoto) Folia Pharmacol. Jap.
title in Japanese: NIPPON YAKURIGAKU
ZASSHI

FORTSCHRITTE der THERAPIE
Fortschr. d. Therap.

GACETA MEDICA de CARACAS
Gac. Med. Caracas

GAZETTE des HOSPITAUX Gaz.
d. Hop.

GAZZETTE LEKARSKI Gaz. Lek.

GAZETTE MEDICALE de NANTES
Gaz. Med. de Nantes

GIORNALE ITALIANO di CHEMIOTERAPIA
(Milano) G. Ital. Chemioter.

GIORNALE di MEDICA MILIANO
G. Med. Mil.

GIORNALE SOCIETA ITALIANA d'IGIEAE
Gior. Soc. Ital. Dig.

GJIORNALE di MEDICINA MILITARE
Gior. di Med. Mil.

GRAEFE ARCHIV KLINISCHE EXPERIMENTELLE OPHTALMOLOGIE
Graefe Arch. Klin. Exp. Ophtal.

GUY'S HOSPITAL GAZETTE
Guys Hosp. Gaz.

HEALTH SERVICES REPORT (Rockville,
Md.) Health Serv. Rep. formerly
HSMHA HEALTH REPORTS (Rockville, Md.)

HELVETICA ODONTOLOGICA ACTA (Zurich)
Helv. Odontol.Acta

HELVETICA PHYSIOLOGICA et PHARMACOLOGICA ACTA Helv. Physiol.
Pharmacol. Acta (Suppl)

HYGIEA Hygiea

ILLINOIS MEDICAL JOURNAL (Chicago)
Ill. Med. J.

INDIAN JOURNAL of MEDICAL RESEARCH
(New Delhi) Indian J. Med. Res.

INFORMATIONAL DENTISTRY
Inform. Dent.

INTERNATIONAL ARCHIVES OF ALLERGIES
Int. Arch. Allerg.

INTERNATIONAL DENTAL JOURNAL (Den
Haag) Int. Dent. J.

INTERNATIONAL JOURNAL of the ADDICTIONS (New York) Int. J. Addict.

INTERNATIONAL JOURNAL of CLINICAL
PHARMACOLOGY, THERAPY and
TOXICOLOGY (Munchen) Int. J.
Clin. Pharmacol formerly
INTERNATIONALE ZEITSCHRIFT
fur KLINISCHE PHARMAKOLOGIE,
THERAPIE und TOXIKOLOGIE (Munchen)

INTERNATIONAL JOURNAL of
NEUROLOGY (Montevideo) Int.
J. Neurol.

INTERNATIONAL JOURNAL of NEUROPHARMALCOLOGY Int. J. Neuropharm.

INTERNATIONAL JOURNAL of
NEUROSCIENCE (London) Int. J. Neurosci.

INTERNATIONAL JOURNAL of ORAL
SURGERY (Kobenhavn) Int. J.
Oral Surg.

INTERNATIONAL JOURNAL of ORTHODONTICS (Lakewood, Calif.) Int. J. Orthod.

INTERNATIONAL JOURNAL of PSYCHIATRY (New York) Int. J. Psychiatry

INTERNATIONAL OPHTHALMOLOGY CLINICS (Boston) Int. Ophthalmol. Clin.

IRISH JOURNAL of MEDICAL SCIENCE (Dublin) Ir. J. Med. Sci.

ISRAEL JOURNAL of MEDICAL SCIENCES (Jerusalem) Isr. J. Med. Sci. combines ISRAEL JOURNAL of EXPERIMENTAL MEDICINE (Jerusalem) and ISRAEL MEDICAL JOURNAL (Jersalem)

JAMA (Chicago) see JOURNAL of the AMERICAN MEDICAL ASSOCIATION (Chicago)

JFMA: JOURNAL of the FLORIDA MEDICAL ASSOCIATION (Jacksonville) JFMA formerly JOURNAL of the FLORIDA MEDICAL ASSOCIATION (Jacksonville)

JAPANESE JOURNAL of ANESTHESIOLOGY (Tokyo) Jap. J. Anesthesiol. title in Japanese: MASUI

JAPANESE JOURNAL OF MEDICAL ELECTRONICS and BIOLOGICAL ENGINEERING (Tokyo) Jap. J. Med. Electron. title in Japanese: IYODENSHI to SEITAI KOGAKU

JAPANESE JOURNAL of MEDICAL SCIENCES TRANSACTIONS VV Jap. J. M. Sc. Tr. IV, Pharmacol.

JAPANESE JOURNAL of PHARMACOLOGY (Kyoto) Jap. J. Pharmacol.

JAPANESE JOURNAL of PHYSIOLOGY Jap. J. Physiol.

JAPANESE JOURNAL of SMOOTH MUSCLE RESEARCH (Sendal) Jap. J. Smooth Muscle Res. title in Japanese; NIPPON HEIKATSUKIN GAKKAI ZASSHI

JAPANESE JOURNAL of SURGERY (Tokyo) Jap. J. Surg. title in Japanese; NIPPON GEKA GAKKAI ZASSHI

JAPANESE JOURNAL of VETERINARY SCIENCE (Tokyo) Jap. J. Vet. Sci.

JOHNS HOPKINS MEDICAL JOURNAL (Baltimore) Johns Hopkins Med. J. formerly BULLETIN of the JOHNS HOPKINS HOSPITAL (Baltimore)

JOURNAL of the AMERICAN DENTAL ASSOCIATION (Chicago) J. Am. Dent. Assoc.

JOURNAL of the AMERICAN MEDICAL ASSOCIATION (Chicago) JAMA

JOURNAL of the AMERICAN PHARMACEUTICAL ASSOCIATION (Washington) J. Am. Pharm. Assoc.

JOURNAL of the AMERICAN VETERINARY MEDICAL ASSOCIATION (Chicago) J. Am. Vet. Med. Assoc.

JOURNAL of the ARKANSAS MEDICAL SOCIETY (Fort Smith) J. Arkansas Med. Soc.

JOURNAL of BIOCHEMISTRY (Tokyo) J. Biochem. (Tokyo)

JOURNAL of BIOLOGICAL CHEMISTRY (Baltimore) J. Biol. Chem.

JOURNAL of the CANADIAN DENTAL ASSOCIATION(Toronto) J. Can. Dent. Assocl.

JOURNAL CANADIEN de CHIRURGIE (Toronto) see CANADIAN JOURNAL of SURGERY (Toronto)

JOURNAL CANDIEN d'OPHTALMOLOGIE (Montreal) see CANADIAN JOURNAL of OPHTHALMOLOGY (Montreal)

JOURNAL de CHIRURGIE (Paris) J. Chir. (Paris)

JOURNAL of the CHOSEN MEDICAL ASSOCIATION J. Chosen M. A.

JOURNAL of the CHRISTIAN MEDICAL ASSOCIATION J. Christian M. A.

JOURNAL of CHROMATOGRAPHIC SCIENCE (Niles, Ill.) J. Chromatogr. Sci.

JOURNAL of CHROMATOGRAPHY (Amsterdam) J. Chromatogr. incorporates CHROMATOGRAPHIC REVIEWS (Amsterdam)

JOURNAL of CLINICAL PATHOLOGY (London) J. Clin. Pathol.

JOURNAL of CLINICAL PATHOLOGY SUPPLEMENT (London) J. Clin.Pathol. [Suppl]

JOURNAL of CLINICAL PHARMACOLOGY and NEW DRUGS (Stamford, Conn.) J. Clin. Pharmacol. formerly JOURNAL of CLINICAL PHARMACOLOGY and JOURNAL of NEW DRUGS (New York) and prior to that JOURNAL of NEW DRUGS (New York)

JOURNAL of COMPARATIVE and PHYSIOLOGICALPSYCHOLOGY (Washington) J. Comp. Physiol. Psychol.

JOURNAL of DENTAL RESEARCH (Chicago) J. Dent. Res.

JOURNAL of DENTISTRY (Bristol) J. Dent. formerly DENTAL PRACTITIONER and DENTAL RECORD (Bristol)

JOURNAL EUROPEEN de TOXICOLOGIE (Paris) see EUROPEAN JOURNAL of TOXICOLOGY (Paris)

JOURNAL FRANCAIS d'OTO-RHINO-LARYNGOLOGIE, AUDIO-PHONOLOGIE et CHIRURGIE MAXILLO-FACIALE (Lyon) J. Fr. Otorhinolaryngol. formerly JOURNAL FRANCAIS d'OTO-RHINO-LARYNGOLOGIE et CHIRURGIE MAXILLO-FACIALE (Paris)

JOURNAL of GENERAL PHYSIOLOGY (Baltimore) J. Gen. Physiol.

JOURNAL of the INDIANI STATE MEDICAL ASSOCIATION(Indianapolis) J. Indiana State Med. Assoc.

JOURNAL of INEBRIETY J. Inebriety

JOURNAL of the IOWA MEDICAL SOCIETY (Des Moines) J. Iowa Med. Soc.

JOURNAL of the IRISH MEDICAL ASSOCIATION (Dublin) J. Ir. Med. Assoc.

JOURNAL of the KANSAS MEDICAL SOCIETY (Topeka) J. Kans. Med. Soc. (also, J. Kansas M. Soc.

JOURNAL OF LABORATORY and CLINICAL MEDICINE (St. Louis) J. Lab. Clin. Med.

JOURNAL of LARYNGOLOGY J. Laryngol.

JOURNAL of LARYNGOLOGY and OTOLOGY (London) J. Laryngol Otol.

JOURNAL of LEGAL MEDICINE (Berlin) see ZEITSCHRIFT fur RECHTSMEDIZIN (Berlin)

JOURNAL de MEDECINE de LYON J. de Med. de Lyon

JOURNAL MEDICAL (Porto) J. Med. (Porto)

JOURNAL of the MEDICAL ASSOCIATION of GEORGIA (Atlanta) J. Med. Assoc. Ga.

JOURNAL of the MEDICAL ASSOCIATION of the STATE of ALABAMA (Montgomery) J. Med. Assoc. State Ala.

JOURNAL of MEDICINAL CHEMISTRY (Washington) J. Med. Chem. formerly JOURNAL of MEDICINAL and PHARMACEUTICAL CHEMISTRY (New York)

JOURNAL of MEDICINE, EXPERIMENTAL and CLINICAL (Basel) J. Med.(Basel) formerly MEDICINA EXPERIMENTALIS (Basel)

JOURNAL of MOUNT SINAI HOSPITAL J. Mount Sinai Hosp.

JOURNAL of NERVOUS and MENTAL DISEASE (Baltimore) J. Nerv. Ment. Dis.

JOURNAL of NEUROLOGY (Berlin) see ZEITSCHRIFT fur NEUROLOGIE (Berlin)

JOURNAL of ORAL MEDICINE(New York) J. Oral Med. formerly JOURNAL of DENTAL MEDICINE (New York)

JOURNAL OF ORAL PATHOLOGY (Kobenhavn) J. Oral Pathol.

JOURNAL of ORAL SURGERY (Chicago) J. Oral Surg. formerly JOURNAL of ORAL SURGERY, ANESTHESIA and HOSPITAL DENTAL SERVICE (Chicago)

JOURNAL of ORGANIC CHEMISTRY (Washington) J. Org. Chem.

JOURNAL of the OTO-LARYNGOLOGICAL SOCIETY of AUSTRALIA (Melbourne) J. Otolaryngol.Soc. Aust.

JOURNAL of OTOLARYNGOLOGY of JAPAN (Tokyo) J. Otolaryngol. Jap. formerly JOURNAL of the OTO-RHINO-LARYNGOLOGICAL SOCIETY of JAPAN (Tokyo)

JOURNAL of PHARMACEUTICAL SCIENCES (Washington) J. Pharm. Sci.

JOURNAL of the PHARMACEUTICAL SOCIETY of JAPAN (Tokyo) J. Pharm. Soc. Jap. title in Japanese: YAKUGAKU ZASSHI

JOURNAL de PHARMACIE de BELGIQUE (Bruxelles) J. Pharm. Belg.

JOURNAL of PHARMACOLOGY and EXPERIMENTAL THERAPEUTICS (Baltimore) J. Pharmacol Exp. Ther.

JOURNAL of PHARMACY and PHARMACOLOGY (London) J. Pharm. Pharmacol.

JOURNAL of PHYSICALCHEMISTRY (Washington) J. Phys. Chem.

JOURNAL of the PHYSIOLOGICAL SOCIETY of JAPAN (Tokyo) J. Physiol. Soc. Jap. title in Japanese: NIPPON SEIRAGAKU ZASSHI

JOURNAL de PHYSIOLOGIE et de PATHOLOGIE GENERALE J. de Physiol. et Path. Gen.

JOURNAL de PHYSIOLOGIE (Paris) J. Physiol. (Paris)

JOURNAL of PHYSIOLOGY (London) J. Physiol. (London).

JOURNAL of PSYCHOLOGY (Provincetown) J. Psychol.

JOURNAL of PUBLIC HEALTH DENTISTRY (Raleigh) J. Public Health Dent.

JOURNAL of the ROYAL COLLEGE of GENERAL PRACTITIONERS (Dartmouth, Engl.) J. R. Coll. Gen. Pract. formerly JOURNAL of the COLLEGE of GENERAL PRACTITIONERS (Dartmouth, Engl.)

JOURNAL of the ROYAL COLLEGE of PHYSICIANS of LONDON J. R. Coll. Physicians Lond.

JOURNAL of the ROYAL COLLEGE of SURGEONS of EDINBURGH J. R. Coll. Surg. Edinb.

JOURNAL of the ROYAL NAVAL MEDICAL SERVICE (Alverstoke) J. R. Nav. Med. Serv.

JOURNAL of the ROYAL ARMY MEDICAL CORPS J. R. Army M. Corps.

JOURNAL of the SOUTH CAROLINA MEDICAL ASSOCIATION (Florence) J. SC Med. Assoc.

JOURNAL d'UROLOGIE J. Urol.

JOURNAL of UROLOGY J. Urol.

KAZAN MEDICAL JOURNAL Kazan Med. J.

KLINICHESKAIA MEDITSINA (Moskva) Klin. Med. (Mosk.)

KLINIKA OCZNA; ACTA OPHTHALMOLOGICA POLONICA (Warszawa) Klin. Oczna

KLINISCHE MONATSBLAETTER fur
AUGENHEILKUNDE (Stuttgart)
Klin. Monatsbl. Augenhelkd.
(also, Klin. Monatsld. f. Augenh.
and Klin. Mbl. Augenh. Klin.

KLINISCHE WOCHENSCHRIFT (Berlin)
Klin. Wochenschr.

LANCET (London) Lancet

LANCET CLINIC Lancet Clinic

LARYNGOSCOPE (St. Louis)
Laryngoscope

LIFE SCIENCES; PART I: PHYSIOLOGY
and PHARMACOLOGY (New York)
Life Sci. [I] formerly LIFE
SCIENCES (Oxford)

LIFE SCIENCES; PART II: BIOCHEMISTRY,
GENERAL and MOLECULAR BIOLOGY
(New York) Life Sci [II] formerly
LIFE SCIENCES (Oxford)

LILLE MEDICAL Lille Med.

MAGYAR ORVOSOI ARCHIVUM
Magyar Orvosoi Arch.

MARITIME MEDICAL NEWS
Maritime M. News

MARYLAND STATE MEDICAL JOURNAL
(Baltimore) Md. State Med. J.

MEDICAL and BIOLOGICAL
ENGINEERING (Oxford) Med. Biol. Eng.
formerly MEDICAL ELECTRONICS and
BIOLOGICAL ENGINEERING (Oxford)

MEDICAL AGE Med. Age

MEDICAL HISTORY (London)
Med. Hist.

MEDICAL JOURNAL of AUSTRALIA
(Sydney) Med. J. Aust.

MEDICAL LETTER on DRUGS and
THERAPEUTICS (New York) Med.
Lett. Drugs Ther.

MEDICAL PHARMACOLOGIE
Med. Pharm.

MEDICIN des ACCIDENTS du
TRAVAIL Med. d. Accid. du Travail.

MEDICINA ALERGIA (Mex)
M. Alergia Mex)

MEDICINA EXPERIMENTALIS (Basel)
Med. Exp. (Basel)

MEDICO-LEGAL BULLETIN (Richmond)
Med. Leg. Bull.

MEDICO-LEGAL JOURNAL (Cambridge,
Engl.) Med. Leg. J.

MICHIGAN MEDICINE (East Lansing)
Mich. Med. formerly Journal of the
MCIHIGAN STATE MEDICAL SOCIETY
(St. Paul, Mich.)

MILITARY MEDICINE (Washington)
Milit. Med.

MILITARY SURGEON Milt. Surgeon

MINERVA MEDICA (Torino)
Minerva Med.

MINNESOTA MEDICINE (St. Paul)
Minn. Med.

MONATSSCHRIFT fur OHRENHEILKUNDE
und LARYNGO-RHINOLOGIE (Wien)
Monatsschr. Ohrenheilkd. Laryngorhinol.
(also, Monatschr. f. Ohrenh.

MUNCHENER MEDIZINISCHE WOCHENSCHRIFT Munch. Med. Wochenschr.
(also, Munchen. Med. Wschr.)

NASEN-u-OHRENH Nasen-u-Ohrenh

NATURE (London) Nature

NATURE; NEW BIOLOGY (London)
Nature [New Biol.]

NAUNYN-SCHMIEDEBERG'S ARCHIVES
of PHARMACOLOGY (Berlin)
Naunyn Schmiedebergs Arch. Pharmacol.
formerly NAUNYN-SCHMIEDEBERGS
ARCHIV fur PHARMAKOLOGIE (Berlin)

NEDERLANDS TIJDSCHRIFT voor GENEESKUNDE (Amsterdam) Ned. Tijdschr. Geneeskd. (also, Nederl. Tijdschr. y Geneeskd.)

NEDERLANDS TIJDSCHRIFT voor de PSYCHOLOGIE en HAAR GRENSGEBIEDEN (Amsterdam) Ned. Tijdschr. Psychol.

NETHERLANDS JOURNAL of MEDICINE (Amsterdam) Neth. J. Med. formerly FOLIA MEDICA NEERLANDICA (Haarlem)

NEUROLOGY (Minneapolis) Neurology (Minneap.)

NEUROPHARMACOLOGY (Oxford) Neuropharmacology formerly INTERNATIONAL JOURNAL of NEUROPHARMACOLOGY (Oxford) (Int. J. Neuropharmacol.)

NEW ENGLAND JOURNAL of MEDICINE (Boston) N. Engl. J. Med.

NEW YORK JOURNAL of DENTISTRY N. Y. J. Dent.

NEW ORLEANS MEDICAL and SURGICAL JOURNAL New Orleans M. & S. J.

NEW YORK STATE JOURNAL of MEDICINE (New York) N. Y. State J. Med.

NEW ZEALAND DENTAL JOURNAL (Auckland) N. Z. Dent. J.

NEW ZEALAND MEDICAL JOURNAL (Wellington) N. Z. Med. J.

NEW ZEALAND VETERINARY JOURN (Hamilton) N. Z. Vet. J.

NORDISK MEDICIN (Stockholm) Nord. Med.

NORSK MAGAZIR fur LAEGEVIDEN Nor. Mag. Lagvkn.

NORTH CAROLINA MEDICAL JOURN (Winston-Salem) N. C. Med. J.

NORTHWEST MEDICINE (Seattle) Northwest Med.

NOUVELLE PRESSE MEDICALE (Paris) Nouv. Presse Med. formerly PRESSE MEDICALE (Paris)

ORL; JOURNAL for OTO-RHINO-LARYNGOLOGY and ITS BORDERLANDS (Basel) ORL formerly PRACTICA OTO-RHINO-LARYNGOLOGICA (Basel)

OHIO STATE MEDICAL JOURNAL (Columbus) Ohio State Med. J.

OPHTHALMOLOGICA (Basel) Ophthalmologica

ORAL SURGERY, ORAL MEDICINE and ORAL PATHOLOGY (St. Louis) Oral Surg.

ORAL SURGERY; TRANSACTION of the INTERNATIONAL CONFERENCE on ORAL SURGERY see TRANSACTIONS of the INTERNATIONAL CONFERENCE on ORAL SURGERY

ORVOSI HETILAP (Budapest) Orv. Hetil. (also, Orvosi Hetil.)

OTOLARYNGOLOGIA POLSKA (Warszawa) Otolaryngol Pol.

OTOLARYNGOLOGIC CLINICS of NORTH AMERICA (Philadelphia) Otolaryngol Clin. North Am.

OTOLARYNGOLOGY (Tokyo) Otolaryngology (Tokyo)

OTO-RINO-LARINGOLOGIE (Bucuresti) Otorinolaringologie

PACIFIC DENTAL GAZETTE. Pacific Dent. Gaz.

PARIS MEDICALE Paris Med.

PENNSYLVANIA MEDICINE (Harrisburg) Pa. Med. formerly PENNSYLVANIA MEDICAL JOURNAL (Harrisburg)

PFLUEGERS ARCHIV; EUROPEAN JOURNAL of PHYSIOLOGY (Berlin) Pfluegers Arch. formerly PFLUEGERS ARCHIV fur die GESAMTE PHYSIOLOGIE des MENSCHEN und der TIERE (Berlin)

PHARMACEUTICA ACTA HELVETIAE (Zurich) Pharm. Acta Heiv.

PHARMACEUTISCH WEEKBLAD (Den Haag) Pharm. Weekbl.

PHARMACOLOGICAL REVIEWS (Baltimore) Pharmacol. Rev.

PHARMACOLOGY (Basel) Pharmacology formerly MEDICINA et PHARMACOLOGIA EXPERIMENTALIS (Basel)

PHARMAZEUTISCHE PRAXIS; Beliage zur die PHARMAZIE (Berlin) Pharm. Prax.

PHARMAZIE (Berlin) Pharmazie

PLANTA MEDICA (Stuttgart) Planta Med.

POLISH MEDICAL JOURNAL (Warszawa) Pol. Med. J. ceased publication with Vol. 11, No. 6, 1972

POLSKA GAZETTE LEKARSKI Polska Gaz. Lek.

POLSKI TYGODNIK LEKARSKI (Warszawa) Pol. Tyg. Lek.

PRACTITIONER (London) Practitioner

PRENSA MEDICA ARGENTINA Prensa Med. Argent.

PRESSE MEDICALE Presee Med.

PROBLEMES ACTUELS d'OPHTALMOLOGIE (Basel) see MODERN PROBLEMS in OPHTHALMOLOGY (Basel)

PROBLEMES ACTUELS d'OTO-RHINO-LARYNGOLOGIE (Paris) Probl. Actuels Otorhinolaryngol

PROBLEMY TUBERKULEZA (Moskva) Probl. Tuberk.

PROCEEDINGS of the NATIONAL ACADEMY of SCIENCES of the UNITED STATES of AMERICA (Washington) Procl Natl. Acad. Sci. USA

PROCEEDINGS of the ROYAL SOCIETY of MEDICINE (London) Proc. R. Soc. Med.

PROCEEDINGS of the SOCIETY for EXPERIMENTAL BIOLOGY and MEDICINE (New York) Proc. Soc. Exp. Biol. Med.

PSYCHOPHARMACOLOGIA (Berlin) Psychopharmacologia

PSYCHOPHARMACOLOGY BULLETIN; NATIONAL CLEARINGHOUSE for MENTAL HEALTH INFORMATION(Bethesda) Psychopharmacol. Bull. formerly PSYCHOPHARMACOLOGY SERVICE CENTER BULLETIN (Bethesda)

PUBLIC HEALTH (London) Public Health

PUBLIC HEALTH MONOGRAPHS (Washington) Public Health Monogr.

PURE and APPLIED CHEMISTRY (London) Pure Appl. Chem.

QUARTERLY BULLETIN NORTHWESTERN UNIVERSITY MEDICAL SCHOOL Quart. Bull. Northwestern Univ. M. School

QUARTERLY JOURNAL of EXPERIMENTAL PHYSIOLOGY and COGNATE MEDICAL SCIENCES (Edinburgh) Q. J. Exp. Physiol.

QUARTERLY JOURNAL of MEDICINE (Oxford) Q. J. Med.

QUARTERLY MEDICAL REVIEW (Bombay) Q. Med. Rev.

RASSEGNA di STUDI PSICHIATRICI Rassegna di Studi Psichiat.

RASSEGNA di TERAPIE e. PATOLOGICA CLINICA Rassegna di Terapie e. Pat.

RENDICANTI ISTITUTO SUPERIORE di SANITA Rendic. Ist. Sup. Sanita

REPORTS of MEETINGS of the BRITISH ASSOCIATION for the ADVANCEMENT of SCIENCE Rep. Brit. Ass. Adv. Sc.

REPORTS on PUBLIC HEALTH and MEDICAL SUBJECTS; GREAT BRITAIN, DEPARTMENT of HEALTH and SOCIAL SECURITY Rep. Public Health Med. Subj. (Lond.)

RESENHA CLINICA Resenha Clin.

REVIEW of CAECHOSLOVAK MEDICINE (Praha) Rev. Czech. Med.

REVISTA da ASSOCIACAO ARGENTINA Rev. Assoc. Med. Argent.

REVISTA da ASSOCIACAO MEDICA BRASILEIRA (Sao Paulo) Rev. Assoc. Med. Bras.

REVISTA ESPANOLA de OTO-NEURO-OFTALMOLOGIA y NEUROCIRUGIA (Valencia) Rev. Esp. Otoneurooftaimoi Neurocir.

REVISTA de ESPECIALIDADES Rev. de Especialid.

REVISTA de MEDICINA EXPERIMENTAL (Lima) Rev. Med. Exper. Lima

REVISTA de MEDICINA y CIRUGIA de la HABANA Rev. de Med. y. Cir. de la Habana

REVISTA MEDICA de CHILE (Santiago) Rev. Med. Chil.

REVISTA de MEDICINA de la UNIVERSIDAD de NAVARRA Rev. Med. Univ. Navarra

REVISTA SANITAR~~I~~A MILITARA, Bucuresti Rev. San. Mit. Bucurest~~i~~.

REVISTA de la SOCIEDAD ARGENTINA de BIOLOGIA (Buenos Aires) Rev. Soc. Argent. Biol.

REVUE BELGE de MEDECINE DENTAIRE (Bruxelles) Rev. Belge Med. Dent.

REVUE CANADIENNE de BIOLOGIE (Montreal) Rev. Can. Biol.

REVUE FRANCAIES d'ODONTOSTOMATOLOGIE (Paris) Rev. Fr. Odontostomatol. changes to REVUE d'ODONTO-STOMATOLOGIE (Paris)

REVUE de LARYNGOLOGIE OTOLOGIE-RHINOLOGIE (Bordeaux) Rev. Laryngol. Otol. Rhinol. (Bord.)

REVUE MEDICO -CHIRURGICALE de MALADIESDU FOIE, DU PANCREAS et de la RATE, Rev. Med. Chir. d. Mal. du Foie

REVUE MEDICALE de LIEGE Rev. Med. Liege

REVUE MEDICALE QUIR de ORIENTE Rev. Med. Quir. de Oriente

REVUE MEDICALE FRANCAISE Rev. Med. Franc.

REVUE NEUROLOGIQUE (Paris) Rev. Neurol (Paris)

REVUE d'OTO-NEURO-OPHTALMOLOGIE (Paris) Rev. Otoneurophtalmol (also, Rev. Oto Neurophtalmol.

REVUE PRATIQUE de BIOLOGIE APPLIQUEE a la CLINIQUE et a la THERAPEUTIQUE Rev. Prat. de Biol.

RHODE ISLAND MEDICAL JOURNAL (Providence) RI Med. J.

RIVISTA CRITICA de CLINICA MEDICA (Firenze) Riv.Crit. Clin. Med.

RIVISTA di NEUROLOGIA (Napoli) Riv. Neurol.

ROYAL SOCIETY of HEALTH JOURNAL (London) R. Soc. Health J.

RUSSKAYA Russk.Urach.

SCANDINAVIAN JOURNAL of PSYCHOLOGY (Stockholm) Scand. J. Psychol.

SCHMERZ Schmerz

SCHMERZ, Narkose, Anaesthesic Schmerz, Narkose-Anaesth.

SCHWEIZERISCHE MEDIZINISCHE WOCHENSCHRIFT (Basel) Schweiz Med. Wochenschr (also, Schweiz Med. Wchnschr.)

SCIENCE (Washington) Science

SCIENCE PROGRESS (London) Sci. Prog.

SCIENTIFIC AMERICAN (New York) Sci. Am.

SCOTTISH MEDICAL JOURNAL (Glasgow) Scott. Med. J.

SEMANA MEDICA Semana Med.

SEMINARS in DRUG TREATMENT (New York) Semin. Drug Treat.

SOUTH AFRICAN MEDICAL JOURNAL (Cape Town) S. Afr. Med. J.

SOUTH AFRICAN MEDICAL RECORDS S. Afr. Med. Rec.

SOUTHERN MEDICAL JOURNAL (Birmingham) South Med. J.

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The cocain habit. 1915, 65, 1914.

The cocain habit. 1922, 78, 1828.

The crusade against narcotics. 1928, 91, 580-581.

The discovery of the anesthetic properties of cocain. 1920, 74, 1592.

The durg treatment of alcohol, morphin and cocain habitues. 1910, 54, 794-795.

The fate of cocain in the body. 1913, 61, 1637.

The Geneva Conference on the Limitation of the Manufacture of Narcotic Drugs. 1931, 96, 1623-1624.

The New York cocain law. 1910, 54, 2049.

The prescribing of narcotics. 1929, 93, 1384.

The prevalence of the morphin and cocain habits. 1913, 60, 1363-1364.

The prophylaxis of cocaine and allied intoxicants. 1930, 95, 1839-40.

Toxicity of amphetamine. 1946, 126, 120.

Use of cocaine in gynecological surgery (75 years ago). 1966, 197, 14.

Validity of cocain ordinance - city cannot impose forfeiture of licenses. 1910, 54, 1165.

APPENDIX

AN ANALYSIS OF THE UNANNOTATED COCAINE BIBLIOGRAPHY: 1585 - 1974.

The following four tables present an analysis of the 1,820 items in the bibliography by Format, Content, Language of original publication and Year of publication.

With the assistance of Drs. Dan Lettieri and Michael Rolnick of NIDA's Division of Research, we developed a set of 11 subject matter categories, each defined by five to seven key words, for use in classifying the citations by content.

The content categories are:

1. Psycho-social
2. Socio-legal
3. Ethno-cultural
4. Treatment
5. Physiology-human studies
6. Physiology-animal studies
7. Behavioral-animal studies
8. Pharmacology
9. Chemical detection
10. Chemical properties
11. Botanical/cultivation

Much of the classification was largely subjective, however, since the majority of the references were categorized on the basis of their titles alone. This led to a certain arbitrariness, especially in attempting to distinguish pharmacological from physiological studies, many of which overlap. We did make several hard-and-fast classification decisions:

1. All references dealing with the medical use of cocaine were classified as Physiology-Human studies.

2. All references to the treatment of cocaine-related problems, such as overdoses, were classified as Treatment references.

3. Socio-legal references are those dealing exclusively with:

   - Trafficking (dealing, illegal importation);
   - Laws (international, Federal and state, that control the manufacturing, possession, sale or distribution of cocaine).

4. Psycho-social references encompass:

   - Clinical effects of cocaine (on depression, memory, intelligence, etc.);
   - Use and abuse patterns (incidence and prevalence studies);
   - Drug sub-culture customs and practices.

Table 1: Number of Citations by Format and General Content (N=1,820)

I. Books (total number 64)

a.	Psycho-social	23
b.	Socio-legal	6
c.	Ethno-cultural	3
d.	Treatment	2
e.	Physiology-human studies	7
f.	Physiology-animal studies	2
g.	Behavioral-animal studies	3
h.	Pharmacology	10
i.	Chemical detection	0
j.	Chemical properties	4
k.	Botanical/cultivation	4

II. Journal articles (total number 1,609)

a.	Psycho-social	112
b.	Socio-legal	47
c.	Ethno-cultural	33
d.	Treatment	71
e.	Physiology-human studies	373
f.	Physiology-animal studies	313
g.	Behavioral-animal studies	63
h.	Pharmacology	457
i.	Chemical detection	58
j.	Chemical properties	75
k.	Botanical/cultivation	7

III. Newspaper and magazine articles (total number 63)

a.	Psycho-social	28
b.	Socio-legal	22
c.	Ethno-cultural	5
d.	Treatment	0
e.	Physiology-human studies	1
f.	Physiology-animal studies	1
g.	Behavioral-animal studies	0
h.	Pharmacology	3
i.	Chemical detection	0
j.	Chemical properties	3
k.	Botanical/cultivation	0

IV. Documents (total number 84)

a.	Psycho-social	17
b.	Socio-legal	28
c.	Ethno-cultural	19
d.	Treatment	2
e.	Physiology-human studies	6
f.	Physiology-animal studies	0
g.	Behavioral-animal studies	1
h.	Pharmacology	3
i.	Chemical detection	2
j.	Chemical properties	5
k.	Botanical/cultivation	1

Table 2: Format and Content by Year of Publication

Format and Content	Year of Publication															
	to 1900	00-05	06-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	61-65	66-70	71-75
Books	5	4	1	2	1	3	2	4	1	0	1	3	3	5	19	10
Newspaper articles	0	1	2	11	2	3	5	1	1	2	2	2	0	2	4	25
Documents	2	0	2	0	0	2	1	1	1	1	13	9	3	9	11	26
Journal articles	26:	46:	55:	49:	44:	58:	150:	184:	131:	63:	64:	55:	67:	266:	236:	115:
psycho-social	(3)	(7)	(13)	(8)	(4)	(7)	(10)	(9)	(4)	(2)	(4)	(4)	(2)	(10)	(10)	(15)
socio-legal	(2)	(2)	(5)	(3)	(4)	(5)	(8)	(6)	(2)	(0)	(0)	(2)	(0)	(2)	(2)	(4)
ethno-cultural	(2)	(0)	(0)	(1)	(0)	(0)	(1)	(3)	(2)	(4)	(9)	(3)	(0)	(2)	(6)	(0)
treatment	(0)	(3)	(3)	(2)	(3)	(9)	(15)	(6)	(8)	(6)	(4)	(0)	(0)	(2)	(7)	(3)
physiology - human studies	(7)	(30)	(28)	(23)	(14)	(15)	(47)	(51)	(26)	(20)	(21)	(17)	(6)	(33)	(24)	(11)
physiology - animal studies	(0)	(0)	(0)	(2)	(7)	(2)	(33)	(40)	(36)	(10)	(6)	(7)	(12)	(68)	(71)	(19)
behavioral - animal studies	(0)	(0)	(0)	(1)	(1)	(2)	(3)	(3)	(0)	(3)	(2)	(2)	(1)	(8)	(19)	(18)
pharmacolgy	(4)	(2)	(5)	(4)	(4)	(7)	(25)	(44)	(38)	(15)	(13)	(15)	(41)	(125)	(85)	(30)
chemical detection	(0)	(1)	(0)	(3)	(0)	(1)	(1)	(10)	(8)	(1)	(3)	(2)	(2)	(9)	(4)	(13)
chemical properties	(6)	(1)	(1)	(2)	(6)	(10)	(7)	(12)	(7)	(2)	(2)	(3)	(3)	(5)	(8)	(0)
botanical	(2)	(0)	(0)	(0)	(1)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(2)	(0)	(2)
TOTAL CITATIONS	33	51	60	62	47	66	158	190	134	66	80	69	73	282	270	176
PERCENTAGE OF TOTAL CITATIONS	1.81	2.80	3.30	3.41	2.58	3.63	8.68	10.44	7.36	3.63	4.40	3.79	4.01	15.49	14.84	9.67

Table 3: Cocaine Citations by Original Language, Format and General Content

Format	Language: English	French	German	Spanish	Italian	Other
Books (total number 64)	48	13	1	1	0	1
Newspaper and magazine articles (total number 63)	59	0	0	4	0	0
Documents (total number 84)	82	0	0	2	0	0
Journal articles (total number 1,609)	954:	215:	210:	64:	62:	104:
psycho-social	(96)	(1)	(7)	(3)	(5)	(0)
socio-legal	(37)	(0)	(8)	(0)	(0)	(1)
ethno-cultural	(11)	(1)	(4)	(17)	(0)	(0)
treatment of abusers	(43)	(4)	(11)	(4)	(6)	(3)
physiology-human studies	(214)	(54)	(50)	(17)	(20)	(18)
physiology-animal studies	(149)	(68)	(49)	(5)	(12)	(30)
behavioral-animal studies	(47)	(7)	(5)	(2)	(1)	(1)
pharmacology	(276)	(57)	(63)	(10)	(8)	(43)
chemical detection	(32)	(11)	(3)	(2)	(7)	(3)
chemical properties	(45)	(10)	(9)	(4)	(3)	(4)
botanical/cultivation	(4)	(1)	(1)	(0)	(0)	(1)
TOTAL CITATIONS	1,143	228	211	71	62	105
PERCENTAGE OF TOTAL CITATIONS	62.80	12.52	11.59	3.90	3.43	5.76

Table 4: Cocaine Citations by Year of Original Publication